SUREMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8

First & Final Bill

SBK-ao-196/1617

24/11/2016

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193771

Serial No.....

Name of work... Excavation of Temporary Immersion Tank for Lord Ganesh Idols at Doddakommanahalli Lake, in Ward No.-10 (Doddakommanahalli Sandra) Vidyaranyapura Sub-division

Name of Contractor of nature of Agency.....

Date of commencement of work..... Sri. S. Thyagaraju.

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Job code NO;	010-16-00001S.					
	Head of Account;	P1771					
	Administrative Approval NO;	AS/EE(BTP)/196/15-16, Dt 14-12-2015.					
	Technical Sanction NO;	TS/EE(BTP)/205/15-16, Dt 14-12-2015.					
	Work order NO;	BBMP/EE/BTP/WO/122/2016-17, Dt 31/08/2016.					
	Address of Agency;	#15, Ramachandrapura Jalahalli (P) Bangalore-					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work in surface excavation in ordinary soil for leveling and lowering the ground marginary other than foundation of buildings, Culverts, road drains and trenches of pipe line and cables). and removing the excavated stuff to a distance not exceeding 50mt and lift upto 1.5mt excavated surface leveled after breaking of clods and neatly dressed etc						
	Bush cutting and Jungle Clearance	L	20.00	14.00	0.15 =	42.00 Cum	
			@ Rs 156.88			Rs 6589.00	
						Jadha AE	
						AEE (VRP) SD	
	2) Earth work excavation for foundation of buildings, Culverts) works Supply, Sanitary line and electrical conduits either in Pits) or in trenches 1.5mt and above in width, in ordinary						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
	not exceeding 1.5mt in d Sides of Pits) and trench edges of excavation e etc	
	For Excavation for Gravity Extension Tank	L
		@
	3) Above 1.5mt Depth	25
		L
		SD
	AEE (VRP)	

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
Excavation in ordinary soil for leveling manually other than foundation of drains and trenches of pipe line and excavated stuff to a distance not upto 1.5mt excavated surface leveled and neatly dressed etc.				
20.00	14.00	0.15 =	42.00 Cum	
156.88			Rs 6589.00	
			Jadhav AE	
foundation of buildings, culverts, water and electrical conduits either in pits and above in width, in ordinary				

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193772

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	not exceeding 1.5mt in depth including shelling the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clody etc.						
	For Excavation for Gravity Emergency Tank	L	13.00	11.00	1.5 =	214.50 Cum	
	@ Rs 188.68					Rs 40472.00	
						Jadhav AE	
3)	Above 1.5mt Depth upto 3mt Extra	L	13.00	11.00	1.50 =	214.5 Cum	
	@ Rs 235.85					Rs 50590.00	
						Jadhav AE	

AEE (VRP) SD

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) providing plastic sheet etc complete as per specifications and directions of engineer in charge of the work.						
	For Emersion Tank	1	25	20.00	= 500.00 Sqm		
		1	20	16.00	= 320.00 Sqm		
					Total = 820.00 Sqm		
		@ Rs 6.00				Rs 4920.00	
	5) Supply of water through water tank for filling Tank etc complete as per specifications and directions of engineer in charge of the work.						
		165 Nos				= 165 Nos	
		@ Rs 360/tank				Rs 59400.00	

AEE (VRP) SD

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	6) providing Stone dust levelling and to protect component etc complete engineer in charge of	

AEE (VRP) S

ASUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ete complete as per Specifications engineer in charge of the work.				
	25	20.00	= 500.00 Sqm		
	20	16.00	= 320.00 Sqm		
			Total = 820.00 Sqm		
				Rs 4920.00	
	Rs 6.00				
	rough water tank for filling Tanker etc specifications and directions of engineer work.				
	5 Nos		= 165 Nos		
	350/tanker			Rs 59400.00	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193773

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
6)	providing Stone dust approach road and near immersion tank for levelling and to protect not to Sliping Sl.No.50 code 400metal component etc complete as per specifications and directions of engineer in charge of the work.						
		1	50.00	5.00	0.05	= 12.50 Cmt	
					@ Rs 750.00		Rs 9375.00
							Badhao AE

AEE (VRP) SD

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) Hire Charge of Pumping water 3.5 KL/hr Capacity Pump etc complete as per specifications and directions of engineer in Charge of the work.						
		66 hr				= 66 hr	
		@ Rs 50.00/hr				Rs 3300.00	
	8) Engaging unskilled heavy mazdoor labour for Guarding and for helping the Public to immersion tank Ganesh 7 days and to Safe guard the Public during the Pooja time etc complete as per specifications						
		165 days				= 165 days	
		@ Rs 244.54/day				Rs 40349.10	

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Serial No.....

Name of work.....F

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	9) providing erecting removing of 7.50 to 10 cms, dia and at intervals of 2.0 to 2.5 above ground level, inclu for maximum depth of 3.0 including cost and conveyan left charges and complete	
		upon

ASUREMENT BOOK

nber 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ing	water 3.5 KL/hr capacity pump etc				
	cautions and directions of engineer in				
hr				= 66 hr	
	Rs 50.00/hr				Rs 3300.00
	eavy Mazdoor labour for Guarding and				
	c to immersion tank Ganesh Tolis and				
	bove during full pooja time etc				
	cautions)				
	5 days			= 165 days	
	Rs 244.54/day				Rs 40349.10

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193774

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
9)	providing erecting removing Galvanised pole barricading using Poles of 7.50 to 10 cms. dia and 1.5 height above ground fixed vertically at intervals of 2.0 to 2.5 mtrs. Cle on horizontally at 0.5 mtrs above ground level including fixing Poles in ful ground Level for minimum depth of 3.0 mtr and tied with coir rope firmly including cost and conveyance of all materials, labour, lead and lift charges and complete on site basis						
		480 mtrs	@ Rs 65.0/mtr			Rs 31200.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	10) Hire Charge for shamiyana with necessary Bamboo Poles Erection charges including transportation - (Size 40ft x 30ft = 1200 Sqft) etc complete as per Specifications and directions of engineers in charge of the work.						
		11	1200.00			= 13200.00 Sft	
		@ Rs	8.00			Rs	105600.00
	11) Hire Charges for Shamiyana Side wall of 8ft Height (Size 10ft x 15ft = 150 Rft) etc complete as per Specifications and directions of engineers in charge of the work						
		165 Rft	@ Rs	17.00		Rs	2805.00

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	12) Hire Charge for Armless Specifications and dire work	220 Nos
	13) Hire Charge for wooden Per Specifications and d work	110 Nos

AEE (VRP)

SUREMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
...ora with necessary Bamboo Poles ...ary transportation, - (Size 40ft x 3ft ...as per Specifications and directions ...of the work.				
1200.00			= 13200.00 Sft	
...s 8.00				Rs 105600.00
...and Side wall of 8ft Height (Size, ...complete as per Specifications and ...charge of the work				
...Sft @ Rs 17.00				Rs 2805.00

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193775

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	Hire Charge for Armless Plastic Chairs etc complete as Per Specifications and directions of engineer in charge of the work						
		220 Nos @ Rs 4.00/No				Rs 880.00	
13)	Hire Charge for wooden Table of Size 6ft x 2ft etc complete as Per Specifications and directions of engineer in charge of the work.						
		110 Nos @ Rs 40.00/Nos				Rs 4400.00	

AEE (VRP) SD

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14)	Hire charge for supplying and running Circuit Service mains with necessary messanger wire and reel insulators and maintaining the Same of 2.5 Sqmm PVC insulated and Sheathe aluminium wire etc.						
		1100 Mtrs @ Rs 9.00/Mt				Rs	9900.00
15)	Hire charge of 100 KVA Generator including operator, Fuel transportation and Handling charges etc complete as per Specifications						
		66 hr @ Rs 562.0/hr				Rs	37092.00
16)	Hire Charges for Flood lighting arrangements for the Stage and shifting immersion Tank during night time etc						

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
17)	Hire charges compl complete as per Sp

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AEE (VRP)

MEASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
				upplying and running Concealed Service wiring ellanger wire and steel insulators and one 4 of 2.5 Sqmm PVC insulated and n wire etc.	
1100 Mtrs	@ Rs 9.00/Mtr				Rs 9900.00
KVA Generator including operator, Fuel Handling charges etc complete as per					
66 hr	@ Rs 562.0/hr				Rs 37092.00
ood lighting arrangements for the Stage engkon Tank during night time etc					

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193776

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		88 Nos	@ Rs 285.00/no			Rs 25080.00	
17)	Hire charges component name 1087 crane charges etc complete as per Specifications and directions of engineer						
		10 days	@ Rs 4000.00/day			Rs 40000.00	
							Jadhav AE

AEE (VRP) SD

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	18) Refilling available earth around pipe lines, Cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mtrs and lift upto 1.5mt, including cost of all labour etc complete as per specification						
	For Excavation for Ganeshji Emersion Tank	1	13.00	11.00	2.50 =	357.50 Cum	
		@ RS 77.76				RS 27799.00	
						Total Rs 499753.00	
	Verified Qty. 12/12					Jadhav AE 19/9/16	

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Serial No.....

Name of work.....From.

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Le
1	2	3	
	Certificate :-		
	certified that the abo		
	and no-materials issued		
	Jadhav AE 19/9/16		

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Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			around pipe lines, Cables in layer	
			depth, compacting each deposited	
			covering with lead upto 50 mtrs,	
			including cost of all labour etc	
			complete	
13.00	11.00	2.50	= 357.50 cum	
Rs 77.76			Rs 27799.00	
			Total Rs 499753.00	
			Jadhav AE 19/9/16	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193777

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :-						
	certified that the above work done satisfactory and no-materials issued from departmentally						
	Jadhav AE 19/9/16						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs: 499753-0	
		4.99753-					
		30486-0				JT - 4998-0	
		Rs: Four lakhs Sixtynine thousand two hundred sixty seven only.				VAT - 19990-0	
		469267-0				Cess - 4998-0	
						CBF - 500-	
						Adj - 30,486-0	
						Cheque: 469267-	

Serial No.....

Name of work.....F

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3